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Monitor Newsletter August 19, 2002

Bowling Green State University

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MONITOR

VOL. 27 NO. 3 ♦ AUGUST 19, 2002

Katerina Ray heads School of Art

An accomplished architect, speaker of six languages and former administrator of a prominent school of architecture is the new director of the University's School of Art.

Katerina Rüedi Ray began her duties at BGSU Aug. 1. Ray comes to Bowling Green from the University of Illinois at Chicago, where she had served as director of the School of Architecture since 1996.

"I am delighted to be at BGSU, and at the School of Art," she said. "The School of Art is a wonderful, wonderful place. Its faculty and students are outstanding, with national and international reputations.

"The center of all this creativity at the School of Art is the education process.

"My job is to support the students and faculty in their continued development of challenging working environments and new opportunities. I want to build on the school's strong commitment to collaboration, cooperation and community. That means helping to find, harness and manage resources; to lead from the front by supporting unusual ideas and thoughtful teaching, and to uphold justice, fairness and diversity in our community."

In her position in Chicago, Ray oversaw a school of 480 undergraduate and 150 graduate students, with 19 full-time and 33 adjunct faculty. Her responsibilities included setting academic policy and the coordination of curriculum, executive, personnel and external affairs committees, with oversight of a \$1.8-million annual budget. The school also has national and international exchange programs with several universities, which Ray was responsible for administering.

Her academic career has included teaching in Chicago and London, plus as a visiting professor in the Czech Republic and in Canada, and as a graduate reviewer in several schools in the United States and abroad.

Born in Czechoslovakia, Ray attended school in England, where she received her Ph.D. in architecture in 1998 from the University of London. She earned her master of science degree in the history of modern architecture in 1991,



Katerina Rüedi Ray

and was registered as a chartered architect in 1992. Ray's bachelor of science degree in architecture is from the University of Dundee, Scotland.

She served as co-director and then director of the Diploma

(Graduate) School at Kingston University in London from 1989-96 while working as an architect in London.

She has organized several major conferences since coming to the United States, including "The Mayor's Institute on City Design: Special National Institute on School Design," in 2000; "Frank Lloyd Wright at Hull House: 1901-2001," in fall 2001, and "Chicago Is History," in spring 2001.

Ray has won several design awards, and has participated in numerous art and architecture competitions in the United States and Europe. She has also curated 11 exhibitions and given more than 50 invited lectures on art and architecture.

She has served on several editorial boards of architecture and criticism journals and has written nine book chapters and five exhibition catalogs.

*Opening Day Address
Friday, Aug. 23*

President Ribeau will speak on
"Integrating Knowledge and Performance at BGSU"

Gather for coffee and fellowship at 9:30 a.m.

President Ribeau's address begins at 10 a.m.

Lenhart Grand Ballroom,
Bowen-Thompson
Student Union

The address will be
broadcast live to the
BGSU Firelands
IDEA Center,
326 West Building

Remote sensing offers new way to estimate population

In the not-too-distant future, demographers may be able to estimate the population of urban areas through pictures taken by satellite, using software technology currently being developed in Bowling Green.

Robert Vincent, geology, has teamed with Jerry Wicks, a former BGSU sociology faculty member and now owner of Senecio Software Inc., to devise remote sensing software that will automatically recognize and identify habitations and, using mathematical models, estimate population and housing in those areas. The system, called Remote Estimates, will combine high-resolution satellite imagery, multi-spectral analysis and demographic estimation techniques.

Senecio recently received a \$100,000 National Institutes of Health Small Business Innovation Research award for the project, titled "Enhancing Digital Elevation Models for Population Research."

Population estimates are based on census counts, administrative records such as building permits, and mathematical models to arrive at a current estimate. The new system would utilize a different approach, using visual sightings



Robert Vincent

from satellite imagery with the housing unit method of estimation.

For businesses that need to know the most current population figures for an area, remote sensing could be very helpful, Wicks said, as administrative records can sometimes lag a couple of years before being fully recorded.

Already there has been interest in the project from the London School of Economics, which has received a grant from the World Health Organization to estimate the population of fast-growing slum areas in Third World countries. These areas can seemingly spring up overnight and their populations can be very difficult to estimate, Wicks said. Having up-to-date information could help governmental agencies better plan public health efforts and disease prevention programs.

The project represents the coming-together of both men's longstanding research interests. Almost 20 years ago, Vincent developed a software program that is widely used by oil and gas companies to explore for oil by determining the elevation of

each pixel of a digitized, scanned picture of terrain. By identifying subtle differences in geological features, the location of potential oil sites can be determined.

Wicks, on the other hand, is a demographer specializing in population studies who had been "harboring an idea for many years about using remote sensing to estimate population and housing," he said. Following his retirement from BGSU four years ago, he and his business partner, Jose Tereira de Almeida, founded Senecio Software. The company specializes in the design of Java Web applications used in the collection and analysis of social, health and demographic research data.

Wicks and Vincent's joint project involves, first, updating Vincent's software to run on newer computers. Helping in this effort at Senecio is BGSU graduate student Jim Wilkerson.

"Our goal is to have it correctly 'see' an object and then identify it," Wicks said.

As if that weren't challenge enough, the next step is to automate the entire process. "This is a far more demanding task than the software has been

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in brief

ITS Computer Sales changes format

From now on, Information Technology Services Computer Sales, located in 100 Hayes Hall, will operate by appointment only, Monday-Friday.

To schedule an appointment, call 2-7724 and leave a message. An ITS representative will contact you within 24 hours.

PCA to hold grant-writing workshops

BGSU's Partnerships for Community Action will hold a series of workshops during the coming months for those interested in applying for a PCA grant.

The grants range from \$500-\$5,000 and are available to faculty, staff, students and community members involved in partnership projects designed to mobilize University and community knowledge, experience, interest and resources to address community issues, needs and themes.

The first workshop will be held Sept. 16 from 4-5:30 p.m. in 201A Bowen-Thompson Student Union. Another will be at BGSU Firelands Sept. 24 from noon-2 p.m. in Bettcher Conference Room, Foundation Hall. Other sessions will be held in September and October in Toledo, Bowling Green, Findlay, Fremont and Archbold. There will also be a "grant clean-up" workshop on Nov. 20, from 1-5 p.m. in 201 Bowen-Thompson Student Union.

The deadline to apply for PCA grants is Dec. 10. Recipients will be announced in January.

For more information, contact the PCA graduate student office at 2-7316, or contact PCA Director Kathy Farber at 2-0161 or farber@bgnet.bgsu.edu.

For complete details and application procedures, visit the PCA Web page at www.bgsu.edu/offices/president/pca.

Contract reached with University police

The BGSU Board of Trustees on Aug. 13 approved a three-year contract with the International Union of Police Associations, Local 103, AFL-CIO.

The University police force is the only collective bargaining unit on campus. Members had formally ratified the proposal on July 11. BGSU has 23 police staff members, including 17 officers plus several higher-ranking members of the force and dispatchers.

The agreement, which is retroactive to April 28, 2002, and extends to April 27, 2005, provides for 3.5 percent raises the first year and 3 percent raises each of the following two years, with market adjustments the first year for selected police officer and radio dispatcher positions.

Also in the agreement, the probationary period for new hires was lengthened from 12 to 15 months, and one position within the department was reclassified. One member of Local 103 will join the Health, Wellness and Insurance Committee.

Christopher Dalton, senior vice president for finance and administration, described the agreement as "good both for the University and for campus security personnel."

The new salary structure, he said, will enhance the University's ability to recruit and retain high-caliber staff members and is consistent with market factors and the University's overall compensation goals.

President Sidney Ribeau noted that BGSU has significantly invested in public safety the last several years, including the recent purchase of communications equipment. That along with the other new equipment added and the University's community policing program have had a positive impact on morale among the police force, he added.

BiG Welcome hosts BGSU Golf Classic

The BiG Welcome program will hold its first BGSU Golf Classic on Sunday, Sept. 8, at Forrest Creason Golf Course. Sign up now to enjoy a round of golf, good food and great prizes while you connect with friends, faculty and staff. Prizes will be awarded throughout the course and to overall winners. A faculty or staff member will be a part of each foursome.

Individual or foursome entries must be submitted by Aug. 29 to Student Life, 301 Bowen-Thompson Student Union, or by phone at 2-9646. A tournament fee of \$30 will be charged to your bursar account. The fee includes lunch from 11:30 a.m. to 1 p.m. and a round of golf, including a cart. Participants will need their own golf clubs, and only soft spikes are permitted. Planners need 25 faculty/staff and 75 students to hold this event. Log onto www.bgsu.edu and click on the BiG Welcome for more information.

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Remote sensing estimates population

(Continued from front)

called on to do so far," Wicks said. "We're pushing the limits to come up with a much more detailed picture of the urban landscape."

Vincent said the NIH award will provide the resources to focus on enhancing the software and automating the detection and classification of objects in an urban environment.

job postings.....

FACULTY

Sociology: Assistant professor. Call Laura Sanchez, 2-2294. Deadline: Oct. 18.

NOTE: Due to the current hiring freeze, interviews may be conducted but no job offers may be extended at this time.

Contact Human Resources at 372-8421 for information regarding the following:

CLASSIFIED

(Employees wishing to apply for this position may request a "Request for Transfer" form.)

The following positions are being listed on and off campus. The deadline to apply is 1 p.m. Friday, Aug. 30.

Cook 1 (C-61-63-Sc)—University Dining Services (three positions). Pay grade 3. Nine month, part time.

Food Service Worker (C-64-Sc)—University Dining Services. Pay grade 1. Nine month, part time.

ADMINISTRATIVE

Assistant Director of Residence Life for Educational Initiatives (S-080)—Office of Residence Life. Administrative grade 14. Review of applications will begin Aug. 30 and continue until the position is filled.

Director of Principal Gifts (02-083)—Office of Development. Administrative grade 20. Review of applications will begin Sept. 1 and continue until the position is filled.

Major Gift Officer (02-066)—Office of Development. Administrative grade 16. Review of applications will continue until the position is filled.

campus calendar.....

Monday, Aug. 19

Grad Bash Picnic, 10 a.m.-2 p.m., Education Building steps. Sponsored by Graduate Student Senate.

Wednesday, Aug. 21

Dissertation Defense, "Quality of Life: The Grounds for Attribution," by Jana Craig, philosophy, 2-5 p.m., 301 Shatzel Hall.

Thursday, Aug. 22

Falcon Club Fall Kick-off Luncheon, noon-1 p.m., 101 Olscamp Hall. Cost is \$10 for prospective members; \$8 for current members. Call 2-7100 immediately for reservations.

Friday, Aug. 23

Opening Day Address, by President Ribeau, 10 a.m., Lenhart Grand Ballroom, Bowen-Thompson Student Union.

Sunday, Aug. 25

Convocation and Picnic, 3:30-5:30 p.m., University Hall lawn. Sponsored by Orientation and First Year Programs.

Monday, Aug. 26

Classes begin.

Continuing Events

Aug. 24-25

Move-in Weekend. Residences open for students.

www.bgsu.edu/faculty_staff/

Monitor
.....online

Look online for more on the new School of Art director.